

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
30 June 2005 (30.06.2005)

PCT

(10) International Publication Number
WO 2005/058846 A1

(51) International Patent Classification⁷: C07D 265/32

(21) International Application Number:
PCT/NO2004/000389

(22) International Filing Date:
16 December 2004 (16.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
20035745 19 December 2003 (19.12.2003) NO

(71) Applicant (for all designated States except US): AMER-
SHAM HEALTH AS [NO/NO]; Intellectual Property
Dept., P.O. Box 4220 Nydalen, Nycoveien 1-2, N-0401
Oslo (NO).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ANDERSEN, Eli,
Ryssdal [NO/NO]; Amersham Health AS, Lindesnes
Plant, N-4510 Spangereid (NO). HOLMAAS, Lars, Terje
[NO/NO]; Amersham Health AS, Lindesnes Plant, N-4510
Spangereid (NO). OLAISEN, Vidar [NO/NO]; Amer-
sham Health AS, Lindesnes Plant, N-4510 Spangereid
(NO).

(74) Agents: HELGE, Tove, Aas et al.; Amersham Health
AS, P.O. Box 4220 Nydalen, Nycoveien 1-2, N-0401 Oslo
(NO).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR THE PORDUCTION OF DTPA-BIS ANHYDRIDE

(57) Abstract: Process for the production of DTPA-bis(anhydride) by reacting DTPA with acetic anhydride in pyridine under ele-
vated temperature wherein the molar amount of pyridine is equal to or less than 6 times the molar amount of DTPA.

WO 2005/058846 A1